

1-800-GRAINGER (472-4643)

Dayton



Centrifugal Direct-Drive Upblast Exhaust Ventilators

Wheel Dia.	0.000"	CFM Air Delivery @ Static Pressure Shown**	0.125"	0.250"	0.375"	0.500"	0.750"	1.000"	Motor HP	Motor RPM	Max. Operating Amps	Volts 60 Hz	Max. BHP	Speed Control	Sones @ 0.250" SP @ 5 ft. #	ROOF-MOUNT Item No.	WALL-MOUNT Item No.
3-Speed, For General Clean Air with Inlet Air Temps. up to 130°F																	
8¼"	133	81	—	—	—	—	—	—	1/60	1050	0.68/0.77/1.00	115	0.01	—	—	—	—
	165	126	70	—	—	—	—	—	1/60	1300	0.68/0.77/1.00	115	0.01	48C172	2.5	5DVN6	5DVN7
	197	164	128	—	—	—	—	—	1/60	1550	0.68/0.77/1.00	115	0.02	48C172	4.0	5DVN6	5DVN7
8½"	250	171	—	—	—	—	—	—	1/60	1050	1.00/0.77/0.68	115	0.01	—	—	—	—
	309	255	152	—	—	—	—	—	1/60	1300	1.00/0.77/0.68	115	0.02	48C172	2.4	5DVN8	5DVN9
	369	325	269	160	—	—	—	—	1/60	1550	1.00/0.77/0.68	115	0.03	48C172	4.7	5DVN8	5DVN9
11"	325	247	133	—	—	—	—	—	1/60	1050	1.48/1.82/2.44	115	0.02	—	—	—	—
	403	343	272	173	—	—	—	—	1/60	1300	1.48/1.82/2.44	115	0.03	48C172	5.5	5DVP0	5DVP1
	480	431	376	314	235	—	—	—	1/60	1550	1.48/1.82/2.44	115	0.05	48C172	7.2	5DVP0	5DVP1
11"	549	451	306	—	—	—	—	—	1/60	1050	1.48/1.82/2.44	115	0.03	—	—	—	—
	680	600	517	391	—	—	—	—	1/4s	1300	1.48/1.82/2.44	115	0.05	48C172	5.4	5DVP4	5DVP5
	811	744	677	604	501	—	—	—	1/4s	1550	1.48/1.82/2.44	115	0.09	48C172	7.5	5DVP4	5DVP5
11"	711	570	381	—	—	—	—	—	1/60	1050	1.5/2.0/2.6	115	0.04	—	—	—	—
	880	774	641	484	199	—	—	—	1/60	1300	1.5/2.0/2.6	115	0.07	48C172	6.4	5DVP6	5DVP7
	1049	964	861	747	616	—	—	—	1/60	1550	1.5/2.0/2.6	115	0.12	48C172	8.5	5DVP6	5DVP7
1-Speed, 3-Phase, For Contaminated Air with Inlet Temps. up to 300°F																	
16½"	3277	3161	3035	2896	2745	2421	1983	—	¾	1140	2.8-2.8/1.4	208/230/460	0.58	—	14.8	6KWH7	—
18½"	4307	4173	4045	3927	3822	3470	3072	—	1	1140	3.8-3.5/1.7	208/230/460	0.93	—	16.5	6KWH8	—
21¼"	6412	6224	6036	5855	5674	5283	4837	2	1140	6.2/3.1	208/230/460	1.74	—	23	5DVR0	5DVR1	
1-Speed, Hazardous Location, For Contaminated Air with Inlet Temps. up to 300°F																	
11"	1468	1422	1373	1315	1255	1129	970	—	¼	1725	4.0/2.0/2.0	115/208/230	0.29	—	12.5	—	6KWJ3
11"	1260	1209	1156	1100	1041	918	759	—	¼	1725	4.0/2.0/2.0	115/208/230	0.25	—	13.4	—	20FT15
1-Speed, Single Phase, For Contaminated Air with Inlet Temps. up to 300°F																	
11"	833	754	665	565	408	—	—	—	½	1140	2.7	115	0.07	48C172	6.3	20FT10	20FT12
11"	970	897	806	707	—	—	—	—	½	1140	2.7	115	0.09	48C172	6.5	4HZ40	4HZ42
11"	1260	1209	1156	1100	1041	918	759	—	¼	1725	5.0	115	0.25	48C172	13.4	20FT11	20FT13
11"	1468	1422	1373	1315	1255	1129	970	—	¼	1725	5.0	115	0.29	48C172	12.5	4HZ41	4HZ43
12½"	2037	1979	1923	1869	1816	1710	1571	—	½	1725	7.5	115/230	0.48	48C173	16.7	5DVP8	5DVP9
13¼"	1180	1057	914	675	—	—	—	—	½	860	2.7	115	0.07	48C172	7.7	4HZ44	4HZ46
13¼"	2366	2305	2244	2183	2122	1994	1838	—	¾	1725	10.6/5.3	115/230	0.6	—	18.4	4HZ45	4HZ47
14¾"	1558	1427	1264	1034	—	—	—	—	½	860	2.1	115	0.12	48C172	7.1	4HZ48	4HZ50
14¾"	2065	1973	1864	1745	1605	1167	—	—	¼	1140	3.2	115	0.29	48C172	11.0	4HZ49	4HZ51
16½"	2472	2315	2126	1918	1680	—	—	—	¼	860	5.0	115	0.25	48C172	9.9	4HZ52	4HZ54
16½"	3277	3161	3035	2896	2745	2421	1983	—	¾	1140	8.0/4.0	115/230	0.58	48C173	14.8	4HZ53	4HZ55
18½"	3249	3074	2922	2732	2474	1608	—	—	½	860	11.6	115/230	0.4	—	11.1	4HZ56	4HZ58
18½"	4307	4173	4045	3927	3822	3470	3072	—	1	1140	11.4/5.7	115/230	0.93	—	16.5	4HZ57	4HZ59

* Not for use with any kitchen exhaust applications. ** Performance certified is for installation type A: free inlet, free outlet. Performance ratings do not include the effects of appurtenances (accessories). # The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: free inlet hemispherical sone levels.

Speed Controls For Direct-Drive Fans & Ventilators

48C172 and 48C173 can operate multiple direct-drive fans if total amp draw does not exceed control's amp rating. 43Y140 includes transformer and hardware. 35YV92 allows fan to operate between 2 speeds with SPDT switch or relay.



Type	Max. Amps	Voltage	Plate Color	Item No.
Solid State Speed Controls				
Rotary	6 A	115V	Silver	48C172
Rotary	10 A	115V	Silver	48C173
EC Motor Speed Controls*				
Remote Dial Assembly	0.5/0.25 A	115/230V	Silver	43Y140
Touch Remote with Countdown Timer and LED display	0.5/0.25 A	115/230V	White	35YV94
2-Speed	0.5/0.25 A	115/230V	Gray	35YV92

* Can only be used with Dayton EC motor fans.



48C172



43Y140



35YV94

Commercial Kitchen Exhaust Hoods

- 430 stainless steel construction
- Hoods are NSF Standard 2 Certified

Grease Hoods—Type I wall canopy hoods are used above grease-producing appliances such as fryers and griddles. Hoods feature integral 3" airspace for clearance to limited combustible materials. Each includes aluminum baffle grease filters, incandescent light fixtures, ½-pt. grease cup, hanger brackets, and exhaust collars. Rated for 600°F maximum cooking operation temperature. UL and C-UL 710 Listed.

Condensation Hoods—Type II wall canopy hoods are used above moisture-producing appliances, such as dishwashers. Hoods include condensate baffles, gutter, ½" drain connection, hanger brackets, and exhaust collars.

Heat Hoods—Type II wall canopy hoods are used above heat-producing appliances (without grease) such as ovens. Hoods include hanger brackets and exhaust collars.

Air Supply Plenums—Introduce make up air to space near exhaust hood, minimizing the need to heat or cool make up air. Perforated panels evenly distribute airflow.

End Skirts—Mount on the sides of the exhaust hood to improve hood capture performance.

Digital Temp. Interlocks—Required by International Mechanical Code 507.2.1.1 on Type I grease exhaust hoods. Interlock automatically starts the exhaust fan when cooking occurs. Includes one temp. sensor. UL approved quick-seal for hood penetration and temp. controller.



6KWK8



48C175

Description	Item No.
Grease Hood Accessories	
Air Supply Plenum, For Use With 20UD05	20UD13
Air Supply Plenum, For Use With 20UD06	20UD14
Air Supply Plenum, For Use With 6KWK8	6KWL2
Air Supply Plenum, For Use With 6KWK9	6KWL3
Air Supply Plenum, For Use With 6KWL0	6KWL4
Air Supply Plenum, For Use With 6KWL1	6KWL5
End Skirts, Left & Right	6KWL6
Digital Temp. Interlock, For Use With 6KWK8, 6KWK9, 6KWL0	48C175
Digital Temp. Interlock, For Use With 6KWL1	48C176
Replacement Digital Temp. Interlock Sensor	48C177
Grease Filter, For Use With 6KWK8, 6KWK9, 6KWL1, 20UD05	35PA91
Grease Filter, For Use With 6KWK8, 6KWL0, 6KWL1, 20UD06	35PA92

L	W	H	Item No.	L	W	H	Item No.
Condensation Hoods							
48"	48"	24"	20UD10	60"	48"	24"	20UD11
60"	54"	24"	20UD06	72"	48"	24"	20UD12
72"	54"	24"	6KWK8	Heat Hoods			
96"	54"	24"	6KWK9	48"	48"	24"	20UD07
120"	54"	24"	6KWL0	60"	54"	24"	20UD08
144"	54"	24"	6KWL1	72"	48"	24"	20UD09

Grease Filters—Collect grease on the interior walls of the filter and then drains into the kitchen hood grease cup. Designed to remove up to 69% of grease particles.